

List of Plants

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*Unless otherwise noted all references are to Duke, James A. 1992. Handbook of phytochemical constituents of GRAS herbs and other economic plants. Boca Raton, FL. CRC Press.

Plant	Part	Low PPM	High PPM	StdDev	*Reference
Abelmoschus moschatus	Seed	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Abutilon theophrasti	Seed Oil	--	--		Sun, Y. Y., Yuan, Y. X. 1996. Study on Lipid Soluble Constituent in Seed of Abutilon theophrasti. Chung Ts'ao Yao, 27(6): 334.
Acacia farnesiana	Seed	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
Acacia farnesiana	Plant	--	--		Pakistan Encyclopedia Planta Medica. 1986.
Aesculus hippocastanum	Bark	--	--		Jim Duke's personal files.
Aesculus hippocastanum	Seed	--	--		Jim Duke's personal files.
Allium cepa	Bulb	--	--		*
Allium cepa	Seed	--	--		Kintia, P. K., Degtiaryova, L. P., Balashova, N. N., Shvets, S. A. 1987. Sterols and Steroidal Glycosides of Bulb Onion Seeds. Fecs. Int. Conf. Chem. Biotechol. Biol. Act. Nat. Prod., (Proc.) 3rd: 166-170.
Allium sativum var. sativum	Bulb	--	80.0		LAWSON in Koch, H. P. and Lawson, L. D., eds. 1996. Garlic- The Science and therapeutic application of Allium sativum L. and related species. Williams & Wilkins, Baltimore. 329 pp.
Aloe vera	Plant	--	--		Suga, T., Hirata, T. 1983. The Efficacy of the Aloe Plants Chemical Constituents and Biological Activities. Cosmet. Toiletries 98(6): 105-108.
Aloe vera	Shoot	--	--		Afzal, M., Ali, M., Hassan, R. A. H., Sweedan, N., Dhama, M. S. I. 1991. Identification of Some Prostanoids in Aloe vera Extracts. Plant Medica, 57(1): 38-40.
Aloe vera	Leaf	40.0	120.0		*
Amaranthus spinosus	Leaf	--	--		Wealth of India.
Anastatica hierochuntica	Plant	--	--		*
Annona muricata	Plant	--	--		*
Annona squamosa	Plant	--	--		*
Arachis hypogaea	Plant	--	--		*
Avena sativa	Seed	--	--		*
Avena sativa	Leaf	--	--		*
Calendula officinalis	Flower	--	--		*
Carica papaya	Seed Oil	--	--		Jim Duke's personal files.
Citrus paradisi	Fruit	--	--		CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
Citrus reticulata	Pericarp	--	--		*
Citrus sinensis	Fruit	--	--		*
Citrus reticulata	Root	--	--		*

Coffea arabica	Seed	--	--		*
Commiphora myrrha	Resin, Exudate, Sap	--	--		Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
Commiphora wightii	Resin, Exudate, Sap	--	--		Jim Duke's personal files.
Commiphora wightii	Inflorescence	--	100.0		Jim Duke's personal files.
Cucurbita pepo	Plant	--	--		*
Curcuma longa	Rhizome	--	--		*
Cymbopogon parkeri	Plant	--	--		Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Daucus carota	Leaf	--	--		*
Digitalis lanata	Plant	--	--		*
Elettaria cardamomum	Seed	--	--		*
Equisetum arvense	Plant	--	--		*
Euphorbia hirta	Plant	--	--		*
Euphorbia pulcherrima	Plant	--	--		*
Fucus vesiculosus	Plant	--	--		Pedersen, M. 1987. Nutritional Herbology. Pederson Publishing. Bountiful, Utah. 377 pp.
Glycine max	Seed	--	--		*
Helianthus annuus	Seed	--	1500.0	1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
Hibiscus sabdariffa	Seed	--	--		*
Holarrhena pubescens	Tissue Culture	--	--		*
Hylocereus undatus	Plant	--	--		*
Juglans regia	Seed	--	12.0	-1.0	*
Juniperus communis	Fruit	--	--		Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Linum usitatissimum	Seed	--	--		Bisset, N.G., ed. 1994. Herbal Drugs and Phytopharmaceuticals. CRC Press. Boca Raton, FL. 566 pp.
Lycium chinense	Leaf	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Lycium chinense	Seed	--	--		Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
Lycopodium clavatum	Plant	--	--		*
Momordica charantia	Fruit	--	--		=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
Moringa oleifera	Seed	--	--		*
Musa x paradisiaca	Fruit	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
Nigella sativa	Seed	--	--		*
Nigella sativa	Seed Oil	--	--		*
Ononis spinosa	Root	--	68.0		*
Opuntia ficus-indica	Seed Oil	--	15000.0		*
Panax ginseng	Seed Oil	--	--		*
Panax quinquefolius	Seed Oil	--	--		*

<i>Persea americana</i>	Plant	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Phoenix dactylifera</i>	Pollen Or Spore	--	--		Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Phoenix dactylifera</i>	Fruit	--	--		USDA's Ag Handbook 8 and sequelae)
<i>Piper methysticum</i>	Rhizome	--	--		*
<i>Pisum sativum</i>	Seed	--	--		*
<i>Prunus armeniaca</i>	Seed	--	--		Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
<i>Punica granatum</i>	Seed	--	--		*
<i>Rosa multiflora</i>	Fruit	--	--		*
<i>Rosmarinus officinalis</i>	Shoot	--	6.0		*
<i>Salvia officinalis</i>	Fruit Essent. Oil	--	--		*
<i>Salvia officinalis</i>	Fruit	--	--		Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Sambucus nigra</i>	Hh	--	--		*
<i>Sambucus nigra</i>	Flower	--	--		*
<i>Sambucus nigra</i>	Plant	--	--		*
<i>Sesamum indicum</i>	Seed Oil	--	--		*
<i>Sinapis alba</i>	Seed	--	--		*
<i>Solanum tuberosum</i>	Plant	--	--		*
<i>Solanum nigrum</i>	Plant	--	--		*
<i>Solanum dulcamara</i>	Leaf	--	--		*
<i>Spinacia oleracea</i>	Leaf	--	--		*
<i>Tagetes erecta</i>	Flower	--	--		Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Theobroma cacao</i>	Plant	--	--		*
<i>Theobroma cacao</i>	Oil	--	2800.0	1.0	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Trigonella foenum-graecum</i>	Seed	--	--		*
<i>Trigonella foenum-graecum</i>	Tissue Culture	--	20.0		*
<i>Ulmus rubra</i>	Wood	--	--		List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Valeriana officinalis</i>	Plant	--	--		Lokar, L. C., Martini, F. 1997. Chemotaxonomic Investigations on the Genus Valeriana L. in the Northeastern Italy and in Tuscany. I. Phytosterols. Dept. of Biology, University of Trieste. Allionia 35: 103-115.
<i>Vicia faba</i>	Oil	--	400.0	-1.0	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Vitis vinifera</i>	Fruit	--	--		*
<i>Zea mays</i>	Shoot	--	--		*
<i>Zea mays</i>	Root	--	--		*
<i>Zea mays</i>	Seed	--	--		*

